

# HIDDEN VALLEY PM<sub>10</sub> 2017 TEOM Data

## 24 Hour Averages (ug/m<sup>3</sup>)

	Approved Data						Preliminary Data						
	January	February	March	April	May	June	July	August	September	October	November	December	
1	3	83	15	35	187	140	142	85	123	66	53	175	
2	24	56	21	61	90	146	86	126	85	47	36	94	
3	16	130	48	56	155	117	128	100	27	99	67	110	
4	26	60	41	38	121	125	55	34	30	112	69	71	
5	23	48	43	68	116	109	81	50	76	121	37	73	
6	16	66	20	94	153	92	120	151	230	71	127	64	
7	19	32	34	151	31	217	225	161	173	229	140	73	
8	23	93	77	94	61	89	98	186	94	182	56	112	
9	42	70	77	33	8	83	40	149	39	87	88	92	
10	36	54	94	120	18	71	148	134	36	65	108	150	
11	20	55	51	127	36	79	48	33	82	116	104	70	
12	42	17	71	78	71	62	89	50	63	100	74	119	
13	94	55	117	163	44	109	94	29	111	179	213	65	
14	29	47	150	72	60	193	177	50	107	146	217	84	
15	6	66	114	51	121	251	108	59	34	84	147	57	
16	9	44	126	93	41	107	49	47	122	130	197	141	
17	26	66	108	67	46	93	82	108	57	88	174	36	
18	35	32	136	53	54	81	118	93	164	116	41	11	
19	20	5	108	37	34	143	36	97	92	223	47	27	
20	7	9	148	175	57	174	34	181	99	121	152	22	
21	16	14	79	79	111	125	40	119	137	143	116	56	
22	27	25	131	138	86	145	90	105	67	106	110	48	
23	9	21	20	90	42	106	50	AV	128	154	78	37	
24	6	47	54	43	97	97	11	AV	37	246	128	36	
25	14	80	39	57	24	131	39	76	142	114	149	38	
26	11	35	78	25	53	174	29	193	177	181	94	76	
27	16	15	67	86	63	99	140	142	151	128	155	52	
28	15	8	18	67	104	86	56	222	98	89	109	70	
29	19		20	17	111	112	39	150	125	99	168	54	
30	24		120	71	151	200	120	188	186	122	169	72	
31	66		131		57		98	157		69		64	
<b>1st quarter average</b>	49.2		<b>2nd quarter average</b>			93.4	<b>3rd quarter average</b>			100.4	<b>4th quarter average</b>		103.3
<b># of valid samples</b>	90		<b># of valid samples</b>			91	<b># of valid samples</b>			90	<b># of valid samples</b>		92
<b>% of samples collected</b>	100.00%		<b>% of samples collected</b>			100.00%	<b>% of samples collected</b>			97.83%	<b>% of samples collected</b>		100.00%
<b># of 24 hr exceedances</b>	0		<b># of 24 hr exceedances</b>			10	<b># of 24 hr exceedances</b>			14	<b># of 24 hr exceedances</b>		14

## COWTOWN PM<sub>10</sub> 2017 TEOM Data Reference Page

### Corresponding Color Codings

### AQS Codings

<b>24 hour exceedances</b>	any sample > 155.5 ug/m <sup>3</sup>
----------------------------	--------------------------------------

<b>PCAQCD Exceptional Event</b>	HIGH WIND EVENTS	<b>###<sup>A</sup></b>
	HIGH WIND EVENTS - EPA CONCURRED.	

<b>Noise exceedances</b>	when the noise on the monitor invalidates the data & data recovery is <75%	<b>AN</b>
--------------------------	--	-----------

<b>Status out of range</b>	flow out of range for more than 1 hour	<b>AH</b>
	machine malfunction	<b>AN</b>
	shelter temperature out of range	<b>AE</b>

<b>General maintenance</b>	monitor is down for general maintenance activities or	<b>BA</b>
	filter exchanges for more than 1 hour	<b>BA</b>
	Building/Site repair	<b>BE</b>

<b>Negative data readings</b>	data readings > - 10.4 ug/m <sup>3</sup> or	<b>AN</b>
	Operator Error for more than 6 hours	<b>BJ</b>

<b>Power failures/Vandalism</b>	power outage for more than 6 hours	<b>AV</b>
	Vandalism	<b>AP</b>

<b>CAL / VER / AUDIT</b>	monitor is down to perform monthly verification or	<b>AT</b>
	annual system calibrations or	<b>AT</b>
	QC Audit (ADEQ) for more than 1 hour	<b>AZ</b>

<b>Annual Average (ug/m<sup>3</sup>)</b>	86.6
--	------

<b>Total # of 24 hr Exceedances</b>	38
-------------------------------------	----

<b>Maximum Reading</b>	251.0
------------------------	-------